

Thurston County

<http://www.co.thurston.wa.us/>

Demographics		2002 Estimates (Except Where Noted)		Other Thurston County Facts											
Washington State Population:		6,041,700		Percent in Households where English is Spoken Less than “Very Well” (Population Age 5 and Above, 2000): 3.0% - 6.4%											
County Population:		212,300		Military Bases within County: Fort Lewis Army Base (<i>portion in Pierce County, also</i>) Evergreen State College											
County Population Density (persons/sq mi):		292.01		Universities/Community Colleges: St. Martin's College Green River Community College South Puget Sound Community College											
Total County Households:		89,565		Land area of County (square miles): 727.0											
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):		\$22,000 and above		Native American Tribes											
Percent of county households with income below the poverty level, 1999:		9		Chehalis Confederated Tribes											
Thurston County Government Legislative Authority				Federally Recognized (Yes/No): Yes Size of Tribal Land (Acres): 4,215 (includes area in Grays Harbor Co.) Reservation or Land Trust Population, 2000: 691 Treaty or Reservation Instrument: Executive Order, 1886											
Type of Body		Board of County Commissioners													
Number of Members		3													
Term		4 years													
Meeting Date and Time		Every Monday at 9:00 a.m.													
Meeting Location		Room 280 of the County Courthouse													
Populations and Land Areas for Thurston County Municipalities, 2002															
Unincorporated Population (est. 2002)		117,935		<div>Thurston County Population by Selected Categories, 2002</div> <div>Washington State Office of Financial Management Estimated Thurston County Population, 2002 = 212,300</div> <div><table><thead><tr><th>Category</th><th>Population</th></tr></thead><tbody><tr><td>Unincorporated</td><td>117,935</td></tr><tr><td>Olympia</td><td>42,690</td></tr><tr><td>Lacey</td><td>31,860</td></tr><tr><td>All 5 Other Incorporated Municipalities</td><td>19,815</td></tr></tbody></table></div>		Category	Population	Unincorporated	117,935	Olympia	42,690	Lacey	31,860	All 5 Other Incorporated Municipalities	19,815
Category	Population														
Unincorporated	117,935														
Olympia	42,690														
Lacey	31,860														
All 5 Other Incorporated Municipalities	19,815														
Incorporated Population (est. 2002)		94,365													
Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)												
Bucoda	640	1.126	568.53												
Lacey	31,860	17.092	1,864.01												
Olympia	42,690	18.750	2,276.81												
Rainier	1,490	1.751	851.04												
Tenino	1,470	0.916	1,604.10												
Tumwater	12,730	10.988	1,158.49												
Yelm	3,485	5.739	607.26												

Thurston County Solid Waste Contacts, 2003:

Departments:	Thurston County Public Works	Thurston County Water & Waste Management	Thurston County Water & Waste Management	Thurston County Water & Waste Management	Thurston County Water & Waste Management	Thurston County Health District
Name:	Dick Blinn	Scott Schimelfenig	Janine Bogar	Janine Bogar	Michelle Andrews	Gerald Tousley
Title:	Director	Manager	MRW Contact	Recycling Contact	Litter Contact	Solid Waste Contact
E-mail Address:	blinnd@co.thurston.wa.us	schimes@co.thurston.wa.us	bogarj@co.thurston.wa.us	bogarj@co.thurston.wa.us	andrewm@co.thurston.wa.us	gousleg@co.thurston.wa.us
Web Site:	http://www.co.thurston.wa.us/wwm/	http://www.co.thurston.wa.us/wwm/divisions/Solid%20Waste.htm	http://www.co.thurston.wa.us/wwm/solidwaste%20pages/hazardous.htm	http://www.co.thurston.wa.us/wwm/solidwaste%20pages/recycleqa.htm	Litter specific web site not found.	http://www.co.thurston.wa.us/health/ehrp/hwaste.html#Solid%20and%20Hazardous%20Waste%20Page
Mailing Address:	921 Lakeridge Drive S.W., Building 4, Room 100 Olympia, WA 98502	921 Lakeridge Drive S.W., Building 4, Room 100 Olympia, WA 98502	921 Lakeridge Drive S.W., Building 4, Room 100 Olympia, WA 98502	921 Lakeridge Drive S.W., Building 4, Room 100 Olympia, WA 98502	921 Lakeridge Dr. SW, Bldg. 4, Rm. 100, Olympia. WA 98502	2000 Lakeridge Drive SW Olympia, WA 98502
Phone Number:	(360) 357-2491	(360) 357-2491	(360) 357-2491	(360) 357-2491	(360) 357-2491	(360) 754-4111 EXT. 7568
Fax Number	(360) 754-4682	(360) 754-4682	(360) 754-4682	(360) 754-4682	(360) 754-4682	?
TDD:	(360) 754-2933	(360) 754-2933	(360) 754-2933	(360) 754-2933		(360) 754-293

Thurston County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars				
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Recipient	Recipient	Total
			Thurston Co Water & Waste Mgmt	Thurston Co Public Health	Thurston Co Health	
		Hazardous Waste Planning and Evaluation	—	—	—	0
Year Approved:	2001	Household Hazardous Waste Implementation (of county plan)	—	95,000	—	95,000
Waste Reduction/Recycling Goal: Increase recycling rate by 2.5% by 2005		Household Hazardous Waste Collection and Disposal	—	27,600	—	27,600
		Moderate Risk Waste – Capital (costs)	—	—	—	0
Comments: Update complete and approved 2001, waiting for city sign off (issues)		Small Quantity Generator (technical assistance and education)	—	127,294	—	127,294
		Solid Waste Planning	—	—	—	0
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	1993	Solid Waste Enforcement	—	—	175,000	175,000
		Ground Water Monitoring Wells	—	—	—	0
MRW Plan Combined with County's Comprehensive Solid Waste Management Plan? (Yes/No)	No	Waste Reduction and Recycling Activities	229,894	—	—	229,894
		Waste Reduction and Recycling Capital (costs)	—	—	—	0
Comments: NONE		Biomedical Waste	—	—	—	0
		Total	229,894	249,894	175,000	654,788

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars
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RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
Thurston Co Waste		11,250					11,250
Thurston Co Waste		2,153					2,153
Thurston Co HD			28,080				28,080
Thurston Co HD				17,587			17,587
						Total	59,070

Thurston County Ordinances and Resolutions Related to Solid Waste

From Thurston County Draft Solid Waste Management Plan:

Ordinance Number	General Ordinance Description
ARTICLE V	Rules and Regs of the Thurston County Board of Health governing Solid Waste Handling
ARTICLE VI	Non-Source Point Pollution Ordinance (covers MRW complaints)
Resolution Number	General Resolution Description

Note:

Solid Waste Infrastructure in Thurston County

Permitted Solid Waste Handling Facilities in Thurston County – March 2004

Facility Type	Name	Public/ Private	Owner
Drop Box Facility	Rainier Drop Box	Public	Thurston County Dept. of Water and Waste
Drop Box Facility	Rochester Drop Box	Public	Thurston County Dept. of Water and Waste
Drop Box Facility	Summit Lake Drop Box	Public	Thurston County Dept. of Water and Waste
Recycling Facility	Rainier Wood Recyclers	Private	Rainier Wood Recyclers
Recycling Facility	Pacific Disposal Recycling Facility	Private	LeMay Enterprises
Recycling Facility	Cascade Sand and Gravel, Inc.	Private	Cascade Sand and Gravel, Inc.
Recycling Facility	Concrete Recyclers, Inc.	Private	Concrete Recyclers, Inc.
Recycling Facility	Wilder Construction Co/Concrete/Asphalt Recycler	Private	Wilder Construction Co.
Recycling Facility	Rick Barlow Recycling	Private	Crash Auto Wrecking
Recycling Facility	Capitol Auto Recycling	Private	Capitol Crunch, Inc.
Recycling	Barlow Auto Wrecking	Private	Barlow Auto Wrecking
Transfer Station	Hawks Prairie Transfer Station	Public	Thurston County Dept. of Water and Waste
Other	I-5 Street Waste Reuse Project	Public	WADOT

Note:

Disposal Site Summary for Thurston County (reported in tons) – 2001

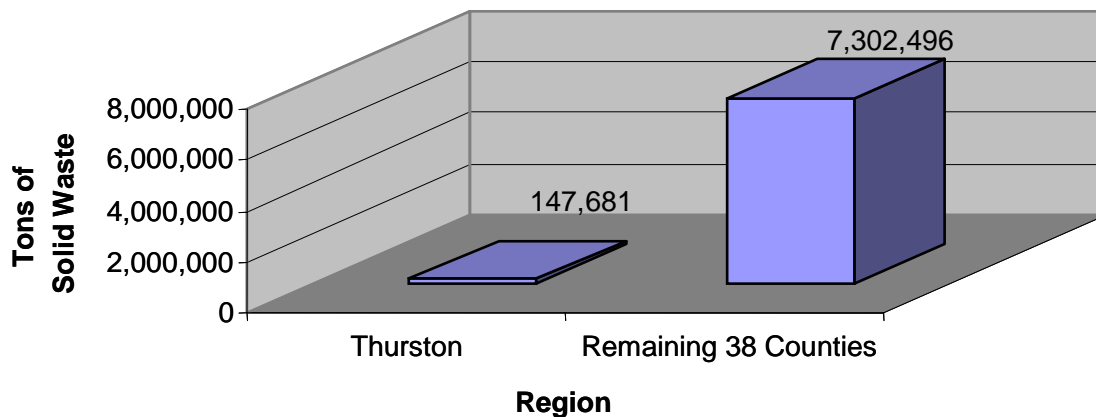
Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Tacoma Regional Disposal Facility (Incinerator)	Pierce	—	—	—	—	—	—	—	—	—	—	—	—	0
Roosevelt Regional Landfill-MSW	Klickitat	145,253	274	—	—	—	—	—	18	—	25	—	—	145,570
Columbia Ridge, OR	Oregon	—	21	3	—	—	—	—	—	—	—	—	—	24
Weyerhaeuser Regional Landfill	Cowlitz	—	—	287	—	—	—	—	—	—	—	—	—	287
Stafford Creek Wood waste Landfill	Grays Harbor	—	1,800	—	—	—	—	—	—	—	—	—	—	1,800
County Total		145,253	2,095	290	0	0	0	0	18	0	25	0	0	147,681

2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in Thurston County, Including All Landfills and Energy Recovery

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
Tacoma Regional Disposal Facility (Incinerator)	Pierce	Unknown	Unknown	Unknown	Unknown
Roosevelt Regional Landfill-MSW	Klickitat	133,779,000	71	2073	\$19.75
Columbia Ridge, OR	Oregon	Unknown	Unknown	Unknown	Unknown
Weyerhaeuser Regional Landfill	Cowlitz	Unknown	100	2101	Unknown
Stafford Creek Woodwaste Landfill	Grays Harbor	Unknown	48	2049	Unknown

**Tons of Solid Waste Disposed by Specific Regions 2001:
Comparison of Thurston County to Sum of Remaining 38
Washington State Counties**

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Thurston County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
South Sound Soils, LLC	600.00	13,200.00	—	10,598.00	—	—	—	—	—	24,398
Thurston County Water & Waste Management	5,262.00	5,262.00	—	—	—	—	—	—	—	10,524

Notes:

**Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers
in Thurston County (November 4, 2002)**

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Pacific Disposal, Inc. DBA Pacific Disposal	Portion of Thurston County surrounding Tumwater & Lacey	G-97	10.1	Y	Y	N	20 gallon mini-can \$8.38; 32 gallon can \$10.80; 35 gallon toter \$10.80; 65 gallon toter \$17.30; 95 gallon toter \$24.10; Multi can service up to 5.	\$3.67	1 yard dumpster \$11.65; 1.5 yard dumpster \$14.70; 2 yard dumpster \$18.50; 3 yard dumpster \$25.15; 4 yard dumpster \$31.60; 5 yard dumpster \$38.40; 6 yard dumpster: \$44.00	None Indicated

Notes:

SINGLE FAMILY RESIDENTIAL SERVICE: An MSW rate payer that does not sign up for recycling service pays the recycling charge plus approximately \$1.00 more per unit of MSW service for 35 gallons and under, \$2.00 more for units 60 - 65 gallons, and \$3.00 more for units \$90 - 95 gallons. Thus, subtract the appropriate value indicated above from rates listed here to arrive at rates for customers receiving both garbage and recycling service.

COMMERCIAL SERVICE:

Harold LeMay Enterprises, Inc. DBA Butler Cove Garbage Service	Northwestern portion of Thurston County	G-98	7.6	Y	Y	Y	20 gallon mini-can \$8.38; 32 gallon can/unit \$10.80; 35 gallon toter \$10.80; 65 gallon toter \$17.30; 95 gallon toter \$24.10; Multi can/unit service up to 5.	\$3.67	1 yard dumpster \$11.65; 1.5 yard dumpster \$14.70; 2 yard dumpster \$18.50; 3 yard dumpster \$25.15; 4 yard dumpster \$31.60; 5 yard dumpster \$38.40; 6 yard dumpster: \$44.00	None Indicated
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Notes:

SINGLE FAMILY RESIDENTIAL SERVICE: An MSW rate payer that does not sign up for recycling service pays the recycling charge plus approximately \$1.00 more per unit of MSW service for 35 gallons and under, \$2.00 more for units 60 - 65 gallons, and \$3.00 more for units \$90 - 95 gallons. Thus, subtract the appropriate value indicated above from rates listed here to arrive at rates for customers receiving both garbage and recycling service.

COMMERCIAL SERVICE:

Harold LeMay Enterprises, Inc. DBA City Sanitary Co., Joe's Refuse, White Pass Garbage	Portion of Thurston County ("below 142nd Ave.")	G-98	9.2	Y	Y	N	20 gallon mini-can \$10.35; 32 gallon can/unit \$12.08; 65 gallon toter \$18.20; 95 gallon toter \$25.85; Multi can/unit service up to 6.	\$2.32	1 yard dumpster \$15.35; 1.5 yard dumpster \$20.91; 2 yard dumpster \$25.99; 3 yard dumpster \$36.94; 4 yard dumpster \$45.18; 5 yard dumpster \$50.72; 6 yard dumpster \$56.25	None Indicated
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Notes:

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COMMERCIAL SERVICE:

**Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers
in Thurston County (November 4, 2002)**

CONTINUED

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Harold LeMay Enterprises, Inc. DBA Rural Garbage Service	Southern portion of Thurston County	G-98	12.2	Y	Y	N	20 gallon mini-can \$9.20; 32 gallon can/unit \$11.25; Multi can/unit service up to 6 offered.	\$3.05	1 yard dumpster \$11.80; 1.5 yard dumpster \$17.00; 2 yard dumpster \$21.80; 3 yard dumpster \$34.00; 4 yard dumpster \$43.00; 6 yard dumpster \$61.78	None Indicated

Notes:

SINGLE FAMILY RESIDENTIAL SERVICE: An MSW rate payer that does not sign up for recycling service pays the recycling charge plus approximately \$1.00 more per unit of MSW service for 35 gallons and under, \$2.00 more for units 60 - 65 gallons, and \$3.00 more for units \$90 - 95 gallons. Thus, subtract the appropriate value indicated above from rates listed here to arrive at rates for customers receiving both garbage and recycling service.

COMMERCIAL SERVICE:

General Notes

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#), under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Thurston County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed	Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting			Moderate Risk Waste (MRW)		
Home Composting	X	Demonstration composting garden at WARC	MRW Fixed Facility	X	
Master Composter	X	Series workshops thru college	MRW Mobile or Satellite Programs	X	
Native Planting/Xeriscaping			MRW Collection Events	X	
Mulching Mower/Grasscycling	X		Toxics Reduction Education and Outreach	X	Worships, media campaigns, special events (garden tour), pilot project (model neighborhood pesticide free), point of purchase, paint education and safety, general HHW recycling, disposal and alternative products outreach via presentations and/or trainings
Master Gardener	X				
Curbside Yard Waste Collection	X		On-site Business Small Quantity Generator SQG/MRW Audits	X	Single industry campaigns i.e. small engine repairs: offer technical assistance to help them comply with ordinances. Geographic campaigns i.e. draw circle around sensitive area, make master list of SQG in that area, send notices, inspect, collect information, provide assistance for compliance. Hotline and offer assistance for building permits
Fixed Wood Chipping Operations					
Mobile Wood Chipping Operations	X		Conditionally Exempt Small Quantity Generator (CESQG) collection	X	
Agricultural Waste Management and Technical Assistance	X		Persistent Bioaccumulative Toxins (PBT)		
Food Composting Programs	X		Pesticide Reduction Education for the Public	X	Common Sense Gardening Program
Rate Structures Encourage Yard Waste Diversion			Pesticide Reduction Education for Business		Have in the past: outreach to golf courses, tree growers, structural pesticide applicators, nursery's, turf farms.
Built Environment			Mercury Reduction Education for the Public	X	
Building Industry Education Program			Mercury Reduction Education for Business	X	Auto recycler campaign but not focus
Green Building Codes and or Policy			Partnerships		
Building Material Reuse/Exchange Program	X		Product Stewardship - Electronics		Janine
Demonstration Buildings			Product Stewardship - Mercury		
Green Building Certification Programs			Product Stewardship - Pesticides		Product stewardship workgroup that does conference call.
Green Built Recognition (Construction Works)			Product Stewardship - Solid Waste		
Residential Waste Reduction and Recycling (WRR)			Regional Programs - All Categories	Please List:	
Public Education and Program Promotion					
Curbside recycling	X				
Drop box recycling	X				
School Recycling Program	X				
Special Collection Events	X		Solid Waste Enforcement		
Rate Structures that Encourage Recycling			Illegal Dumping Prosecution	X	Bill Dean, SWE Officer
Waste Exchange Program	X		Illegal Dumping Prevention		Free recycling programs; no dumping signs, install gates and berms.
Waste Reduction Program			Mandatory Collection Service		

**Major Public Works and Jurisdictional Health Department Solid Waste Activities in
Thurston County, 2003
CONTINUED**

Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Commercial Waste Reduction & Recycling		
Commercial Recycling Education Program		
Curbside Recycling		
Rate Structure that Encourages Recycling		
Waste Exchange Program		
On-site Commercial Waste Audits		

Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Solid Waste Enforcement CONTINUED		
Enforcing Solid Waste Codes	X	
Permit Reviews	X	
Ensuring Compliance at Permitted Solid Waste Facilities		
Ensuring Compliance at Permitted Land Application Sites	X	But don't have any

Additional Comments:

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Thurston County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Thurston County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Thurston County		Reported Materials Diverted From Disposal in Thurston County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	7	176
X	Aseptic Packaging	X	Asphalt and Concrete	Batteries	14	372
X	Computers		Asphalt Roofing Shingles	CDL Construction Debris	5	159
X	Container Glass		Bricks	Electronics	1	48
X	Corrugated Paper	X	Composting Furnish	Glass	11	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	1	63
X	Fluorescent Light Bulbs	X	Construction & Demolition Debris	Metals	14	466
X	Food Waste (post-consumer)		Food Processing Waste	Used oil	28	508
X	Ground Rubber (from retreads)		Household Batteries	Paper	14	461
X	Gypsum		Incinerator Ash	Plastic	17	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	5	133
X	High Grade	X	Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
X	LDPE Plastics	X	Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper		Rail Road Ties			
X	Non-Ferrous Metals		Rebound Carpet Pad			
X	Other Recyclable Plastics		Reuse-Clothing & Household Items			
X	Other Rubber Materials (Shoes)	X	Reuse - Construction & Demolition			
X	PET Bottles	X	Reuse – Miscellaneous Items			
X	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery)			
X	Textiles (rags, clothing, etc.)		Tires (Reused/Resold)			
X	Tin Cans	X	Used Oil for Energy Recovery			
X	Tires					
X	Used Oil					
X	Vehicle Batteries					
X	White Goods					
X	Wood Waste					
X	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Thurston County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Thurston		
County Population (from http://www.census.gov)	210,200	5,970,247	3.52
Total HHW lbs (no Used Oil)	348,345	15,638,009	2.23
Used Oil lbs. (see note 1)	390,587	11,280,112	3.46
CESQG lbs.	11,669	978,732	1.19
MRW lbs.	750,601	27,896,853	2.69
Number of County Housing Units (see note 2)	87,821	2,511,054	3.50
MRW lbs./housing unit	8.55		
Total HHW Participants	6,673	148,697	4.49
% Participation	0.08		
HHW Cost/Participant	\$39.11		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

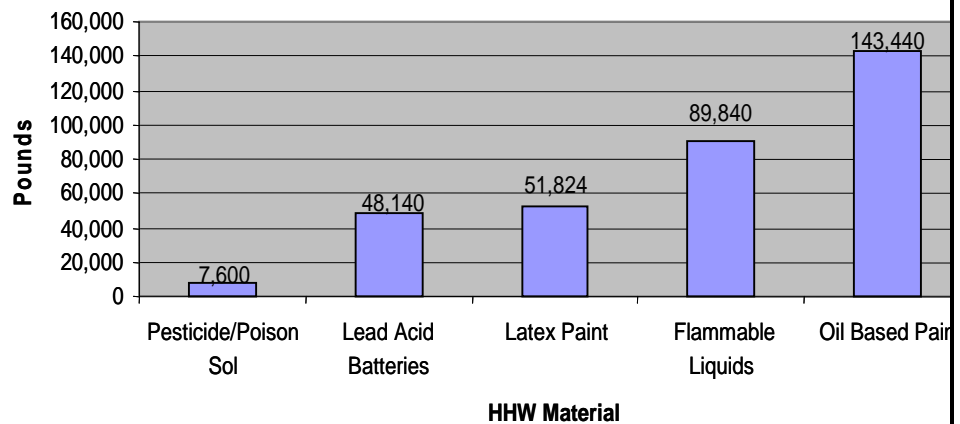
Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Thurston County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	3,350	
Acids, aerosols	—	
Antifreeze	1,900	
Bases	1,175	
Bases, aerosols	—	
CFC/ Freon	—	
CFC/ Freon filters	—	
Chlorinated Solvents	—	
Batt:N,L,NIMH	—	
Dry Cell Batteries	—	
Flammable Solids	50	
Flammable Liquids	89,840	
Flammable Liquids, aerosols	300	
Flammable Liquids Poison	600	
Flammable Liq. Pois.(aerosols)	—	
Flammable Gas	—	
Flammable Gas Poison	—	
Flammable Gas Pois.(aerosols)	250	
Latex Paint	51,824	
Lead Acid Batteries	48,140	
Oil Based Paint	143,440	
Oil Contaminated	—	
Oil Filters	—	
Oil Filters Crushed	—	
Oil Non-Contaminated	4,800	
Oil with Chlorides	—	
Oil with PCBs	—	
Other Dangerous Waste	—	
Organic Peroxides	—	
Oxidizers	420	
Personal Protect. Equip.	—	
Pesticide/Poison Liq	6,300	
Pesticide/Poison Sol	7,600	
Reactives	25	
Mercury	—	
TOTALS	360,014	

Five Greatest Household Hazardous Waste (HHW) Materials Collected by Thurston County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



Five Greatest CESQG Materials Collected by Thurston County, 2001 (Pounds)

No graphic because no activity reported.

Washington State Litter Tax Funded Litter Program Activity in Thurston County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	29	74	1,009	1,112	2.34	18		
Miles Driven (thousands)	2,216	923	1,025	4,164	3.85	6		
Area (Square Miles)				727	1.09	32		
DOT Rating	1999	2000	2001					
	5.9	5.9	5.9					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	4,257	295	78	—	61,530	—	9,484	75,644
Community Litter Cleanup Program (CLCP)	2,292	353	—	—	30,585	—	3,330	36,560
Department of Corrections (DOC)	—	—	—	—	—	—	—	0
Department of Natural Resources (DNR)	4,033	1,134	—	6	10,000	18,229	—	33,402
Total	10,582	1,782	78	6	102,115	18,229	12,814	145,606

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Thurston County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		Litter education efforts for this time-period directly to the public mostly consisted of awareness booths at the county fair and during a special event called, "Community Recycle Days". Indirectly, county staff provided information/handouts/trinkets to other governmental departments for distribution.
Thurston Co Water & Waste Mgmt	66,530	8,065	22,000	96,595		

Litter Crew Organization, Thurston County, 2002

The litter crew organization for Thurston County consists of the Roads and Transportation Department providing supervision of an inmate crew of three to five people.

2002 Biosolids Production and Land Application Information in Dry Tons for Thurston County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories							Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden						
Beverly Beach			0.5	—	—	—	—	—	—	—	—	—	—	0.5	Pumper	—	
Boston Harbor WWTP			1.3	—	—	—	—	—	—	—	—	—	—	1.3	Bio Recycling	—	
Carlyon Beach WWTP			6.4	—	—	—	—	—	—	—	—	—	—	6.4	City Of Shelton	—	
Cedar Creek Corrections Center			5.4	—	—	—	—	—	—	—	—	—	—	5.4	Bio Recycling - Centralia	—	
Grand Mound WWTP	B		6.5	—	—	—	—	—	—	—	—	—	—	6.5	Bio Recycling	1	Tamoshan - 0.5, Boston Harbor - 0.5
Lott WWTF	B		2414	—	—	—	—	—	—	—	—	—	—	2414	Fire Mountain Farms - 1133, Sumas Transport - 1272	—	
ctd.			ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	ctd.	South Sound Soils - 9	ctd.	ctd.
Seashore Villa WWTP			1.4	—	—	—	—	—	—	—	—	—	—	1.4	Lott Or Bio-Recycling	—	
Tamoshan WWTP			2.06	—	—	—	—	—	—	—	—	—	—	2.06	Grand Mound	—	
Yelm WWTP			124.3	—	—	—	—	—	—	—	—	—	—	124.3	Bio Recycling - Centralia	—	
COUNTY TOTAL			2561.86	0	0	0	0	0	0	0	0	0	0	2561.86		1	
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11		79282.89	

General Notes for Biosolids table on previous page

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Thurston County Solid Waste Priorities and Needs for the Near Future:

Flour LT and CRT take-back program by retailers; continued work on pesticide reduction; build programs on PBT prevention; state regulation to amend dangerous waste regulations for amalgam waste requirements.

Thurston County's Projected Solid Waste Income and Spending, 1999 (as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/Closure	To Fund Balance	Operating Budget
\$18,091,000	\$9,623,000	\$1,696,000	\$1,717,000	\$889,000	\$0	\$771,000	\$0	\$452,000	\$2,793,000	\$150,000	\$15,148,000

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Fund Balance	Other
\$18,091,000	\$11,738,000	\$0	\$0	\$150,000	\$1,320,000	\$4,664,000	\$219,000

Notes:

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm